Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 24 Mar 2021 until 23:59 on Thursday 25 Mar 2021

Forecast Issued on Tuesday 23 Mar 2021 at 13:59

Confidence: High for the showery pattern, also for risk of longer periods of rain later in the period, but confidence gradually lowering for the detail of the worst of the conditions.

Headline for Wednesday 24 Mar 2021: Showers, most of these later in the day.

Mountain weather hazards on Wednesday 24 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Heavy rain showers	Partly cloudy (night)
Precipitation probability							
80%	40%	10%	<05%	10%	10%	40%	20%

Forecast for Wednesday 24 Mar 2021

Weather: Cloudy with periods of patchy rain at first overnight, which clears to east before dawn. Sunshine and showers for Wednesday with outbreaks isolated through to mid-afternoon, becoming occasional and perhaps heavy at times late afternoon and early evening, before dwindling late evening.

Chance of cloud free mountain/hill tops above 600m: 95% plus through much of the day, becoming 75% from late afternoon.

Visibility: Generally good or very good, becoming moderate or poor in showers and very poor in cloud with bases mostly above summits, lowering 500-700m in showers, chiefly from late afternoon.

Forecast for Wednesday 24 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/29 SW	15/20 W	14/20 SW	19/27 SW	22/32 W	21/31 SW	16/24 SW	22/32 SW	20/30 SW
300	14/29 SW	9/21 W	7/18 W	13/27 SW	17/32 W	16/31 SW	9/22 SW	14/29 SW	13/27 SW
Valley	13/26 SW	6/16 W	4/14 SW	11/24 SW	13/26 W	14/27 SW	9/22 SW	12/27 SW	12/25 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	4/-1	2/-3	3/-3	4/-2	4/-1	4/-1	3/-3	3/-2
300	6/2	6/2	4/2	6/2	7/3	7/3	6/3	6/2	5/1
Valley	7/4	7/5	5/4	7/4	8/6	9/6	7/5	7/4	7/3
Freezing Level*	1300m	1000m	700m	800m	800m	800m	900m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 23 Mar 2021	0mm	0mm	0mm

Forecast for Thursday 25 Mar 2021
Weather: Further sunshine and showers, with outbreaks mainly focused across western ranges, with some in the east escaping dry.

Maximum wind: West or southwest 25 mph with gusts 35 mph.

Chance of cloud free mountain/hill tops above 600m: 90%

Visibility: Generally good or very good, becoming moderate or poor in showers and very poor in cloud with bases mostly above summits, lowering 500-700m in showers.

Temperature: **Valleys:** Plus 1 Celsius increasing 14 Celsius during the afternoon
At 600m: Plus 4 Celsius
Freezing level: Above summits